

IN THE CLAIMS:

Please amend claims 1, 14, 18, 20, 26, and 31, and cancel claims 21-25 and 29-30.

---

1. (Presently Amended) A system for maintaining data objects distributed on a network, comprising:

a network controller coupled to the network and operable to enable data communications including the transmission of a data object update message and a corresponding data object update version sequence number ("OVSN") after receipt of an update request message from a wireless communication device; and

a receiver coupled to the network and operable to enable data communications with the network controller, the receiver including a memory for storing a data object based on the data object update message and the OVSN and a processor coupled to the memory and operable to include a last received OVSN in the update request message ~~a message to the network controller~~.

2. (Original) The system of claim 1, wherein the network controller includes a memory for storing the data object based on the data object update message transmitted to the receiver and a corresponding OVSN.

3. (Original) The system of claim 1, wherein the network controller includes a memory for storing the data object based on the data object update message transmitted to a plurality of receivers that includes the receiver and a corresponding OVSN.

4. (Original) The system of claim 2, wherein the network controller is further operable to increment the OVSN for each data object update message transmitted to the receiver.

5. (Original) The system of claim 1, wherein each data object represents an encoded message.

6. (Original) The system of claim 4, wherein the receiver is further operable to include the latest received OVSN in a message to the network controller.

7. (Original) The system of claim 6, wherein the receiver is a wireless communication device and the network is a wireless network.

8. (Original) The system of claim 6, wherein the network controller is further operable to decode the message from the receiver, where the message references a data object and includes the receiver's OVSN.

9. (Original) The system of claim 4, wherein the network controller discards messages from the receiver when the receiver's OVSN is less than the last OVSN sent to the receiver.

10. (Original) The system of claim 9, wherein each data object represents a macro message and has a data object version number.

91 11. (Original) The system of claim 10, wherein the receiver is further operable to transmit the data object version number to represent the version of the encoded message in a message to the network controller.

12. (Original) The system of claim 11, wherein the network controller is further operable to decode the encoded message based on the data object version number received from said receiver.

13. (Original) The system of claim 11, wherein the network controller is further operable to send data object update messages and corresponding OVSNs to the receiver based on the OVSN included in a message from the receiver.

14. (Currently Amended) A receiver for communicating data signals using a network, comprising:

a transceiver coupled to the network and operable to receive data communications;

a memory coupled to the transceiver for storing data objects and data object message version sequence numbers (OVSN) transmitted from a network controller in a data communication to the receiver; and

a processor coupled to the memory and transceiver and operable to include the last received OVSN in a data update request message to the network controller.

15. (Original) The mobile communications terminal of claim 14, wherein the processor is further operable to include the largest received OVSN in a message to the network controller.

16. (Original) The mobile communications terminal of claim 14, wherein each data object represents an encoded message and has a data object number.

17. (Original) The mobile communications terminal of claim 16, wherein the processor is further operable to use the data object number in a message to the network controller to identify a version of the encoded message.

18. (Currently Amended) A method of maintaining a distributed object system using a network, comprising the steps of:

receiving a data object update message with a data object update version sequence number (OVSN) from a network controller;

storing data objects based on the data object update message and said OVSN; and

transmitting the last received OVSN in a subsequent data update request message to a network controller.

19. (Original) The method of claim 18, wherein each of said data objects represent an encoded message and has a data object version number.

20. (Currently Amended) A method of maintaining a distributed object system using a network, comprising the steps of:

receiving a message from a wireless communication device receiver, said message comprising an object version sequence number (OVSN), said OVSN representing a first state of a data object relating to said wireless communication device receiver;

comparing said OVSN with a local OVSN, said local OVSN representing a second state of said data object;

~~processing said message in a first manner if said OVSN is equal to said local OVSN; and~~

transmitting updated data to the wireless communication device if said OVSN is not equal to said local OVSN. ~~processing said message in a second manner if said OVSN is not equal to said local OVSN.~~

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Currently Amended) The method of claim 20, wherein the updated data step ~~of processing said message in said second manner~~ comprises ~~the step of transmitting~~ all data objects ~~to said receiver~~.

27. (Original) The method of claim 20, wherein the step of comparing said OVSN with said local OVSN is performed at a network controller.

a | 28. (Original) The method of claim 20, wherein the step of comparing said OVSN with said local OVSN is performed at a dispatch station.

29. (Canceled)

30. (Canceled)

31. (Currently Amended) A network controller for maintaining a distributed object system using a network, said network controller comprising:

a database for storing a data object and a corresponding data object version sequence number (OVSN);

a transceiver for sending a data object update message and a corresponding OVSN, said OVSN representing a state of said data object and for receiving a message from a wireless communication device ~~remote receiver~~, said message comprising an OVSN representing a state of a data object associated with said wireless communication device ~~receiver~~; and

a processor for comparing said received OVSN with said OVSN stored within said database, and further for transmitting updated data to the wireless communication device if said received OVSN is not equal to said OVSN stored in said database. ~~processing said message received from said remote receiver in a first manner if said received OVSN matches said OVSN stored within said database and for processing said message received from said remote receiver in a second manner if said received OVSN does not match said OVSN stored within said database.~~

---